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Original text:

Patentansprüche 1. Formmassen, enthaltend A) mindestens ein Polyarylenethersulfon, B) mindestens ein Polyamid, enthaltend mindestens eine Endgruppe abgeleitet von einer Piperidinverbindung der allgemeinen Formel (I) worin R eine amidbildende Gruppe R7 oder eine funktionelle Gruppe R8, die 1-4 gleiche oder unterschiedliche amidbildende Gruppen R7 trägt, R1 H, C1-C20-Alkyl, Cycloalkyl, Benzyl, OR6 mit R6 H, C1-C20-Alkyl, Cycloalkyl, Benzyl R2, R3, R4, R5 unabhängig voneinander C1-Clo-Alkyl, wobei R R2, R3, R4 und R5 unterschiedlich oder gleich sein können R7 ausgewählt ist der Gruppe bestehend aus- (NHR9), wobei R9 H, eine Alkylgruppe mit 1 bis 8 C-Atomen, eine Cycloalkylgruppe mit 3 bis 10 C-Atomen oder eine Alkylengruppe mit 2 bis 20 C-Atomen ist, Carboxyl und Carboxylsäurederivate sowie gewünschtenfalls darüber hinaus C) mindestens einen Füllstoff D) einen oder eine Mischung unterschiedlicher schlagzäh-modifizierender Kautschuke E) einen oder eine Mischung unterschiedlicher Zusatzstoffe.

2. Formmassen nach Anspruch 1 worin A eine Mischung aus mindestens einem

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Claims 1st Molding compounds, containing A) at least one Polyarylenethersulfon, B) at least one polyamide, containing at least one end-group derived from a Piperidinverbindung the general formula (I) wherein R amidbildende a group R7 or a functional institutional group R8, the same 1-4 or different groups amidbildende contributes R7, R1 H, C1-C20-alkyl, Cycloalkyl, benzyl, OR6 with R6 H, C1-C20-alkyl, Cycloalkyl, benzyl R2, R3, R4, R5 independently C1-Clo-alkyl, Where R is R2, R3, R4 and R5 differently or the same can R7 is selected the group consisting of- (NHR9), with R9 H, an alkyl with 1 to 8 C-Ato-men, a Cycloalkylgruppe with 3 to 10 C Atoms, or a Alkylengruppe with 2 to 20 C atoms is carboxyl and Carboxylsäurederivate and gewünschtenfalls beyond C) at least one filler D) one or a mixture of different impact modification rubbers E) one or a mixture of various additives.

2nd Grades according to claim 1 wherein A is a mixture of at least one Polyarylenethersulfon with groups that are towards the inert "Polyamides B behave (a1) and at least one Polyarylenethersulfon which functional groups contains, with the groups of polyamides B react can (a2) is.

3rd Grades according to claim 1 or 2, reflecting the polyamide B is selected from the group polyamide 6, polyamide 6, 6, copolymers comprehensively as monomers caprolactam, hexamethyldiamine, and adipic acid copolymers as monomers caprolactam comprehensive, hexamethylenediamine, terephthalic acid or a mixture from two or all of this is polyamides.

4th Grades according to claims 1 to 3 in which the polyamides B at least one end derived from a Piperdinver loyalty have what R a group of formula-NH-NH-R8 is what R8 a Alkylengruppe with 1 to 20 C atoms means TET.

5th Grades according to claims 1 to 4, reflecting the polyamides B at least one end derived from a Piperdinver loyalty to the formula II (II) which R10 H, benzyl or C1-C20-Alkyl is.

6th Grades according to claims 1 to 5, reflecting an additional component F) of 100 ppm to 1 wt - %, calculated on the En-samtgewicht from A to E, one Kupferhalogenids is included.


7th Method for producing compounds in accordance with the claims 1 to 6 by mixing the components and on subsequent processing, wherein it as a first step, a mixture of components B and F and manufactures them in a second step with the other components ten mixes.

8th Use the form of masses in accordance with the requirements

1 through 6 for the manufacture
of moldings.

9th Moldings, films or fibers
form available from the masses
according to the claims 1 to 6 or
manufactured with the procedures
pursuant to claim 7th

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